

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Greenstein, et al.
Serial No.: 10/629,201
Filed: July 29, 2003
For: Compositions And Methods Of Nematode Control
Attorney's Docket No. N9601
Customer No. 23456

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.56, applicant hereby calls to the attention of the Patent and Trademark Office the following patents and other documents which are listed on attached Form PTO-1449.

This Information Disclosure Statement is being filed within three months of filing date of the above-referenced application.

1. U.S. Patent No. 5,023,173 issued June 11, 1991, to Horwitz et al.
2. U.S. Patent No. 5,432,081 issued July 11, 1995, to Jefferson.
3. U.S. Patent No. 5,599,670 issued February 4, 1997, to Jefferson.
4. U.S. Patent No. 6,057,354 issued May 2, 2000, to Wu et al.
5. KLASS, ET AL., *Sperm Isolation and Biochemical Analysis of the Major Sperm Protein from Caenorhabditis Elegans*, Developmental Biology, (1981) 84:299-

312. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).

6. WARD S., et al., *The Location of the Major Protein in Caenorhabditis Elegans Sperm and Spermatocytes*, *Developmental Biology* (1982) 92:203-208. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).

7. MANSIR A., et al., *Actin and Major Sperm Protein in Spermatids and Spermatozoa of the Parasitic Nematode Heligmosomoides Polygyrus*, *Molecular Reproduction and Development*, (1996), 45:332-341. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).

8. MCCARTER, ET AL., *On the Control of Oocyte Meiotic Maturation and Ovulation in Caenorhabditis Elegans*, *Developmental Biology*, (1999) 205:111-128.

9. Database GeneBank, Accession Number CAB54441, Wall, M., Untitled. Y48B6A,5, Direct Submission, Submitted 01 April 1999.

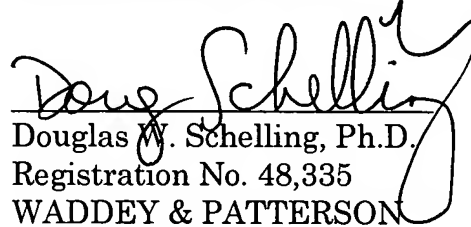
10. MILLER, ET AL., *A Sperm Cytoskeletal Protein That Signals Oocyte Meiotic Maturation and Ovulation*, *Science*, (March 16, 2001) 291:2144-2147. (Applicant does not consider this reference to be prior art.)

11. *C. elegans* Sequencing Consortium, *Genome Sequence of the Nematode C. elegans: A Platform for Investigating Biology*, *Science*, (December, 1998) vol. 282, pp. 2012-2018.

Copies of the listed documents are attached.

The Commissioner is authorized to charge any deficiency or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 23-0035.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Doug Schelling", is written over a horizontal line.

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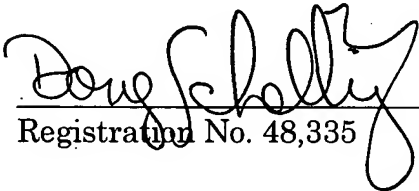
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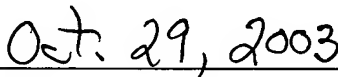
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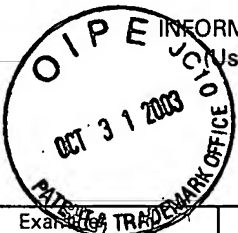
I hereby certify that this Information Disclosure Statement, including Certificate of First Class Mailing (4 pages), PTO Form 1449 (1 page), one copy of each listed reference (11 references) and a self addressed return post card are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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Date

Comparable to Form PTO-1449		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. N9601 Customer No. 23456	Serial No. 10/629,201	
 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant David Greenstein, et al.		
				Filing Date July 29, 2003	Group Not yet known	
Examiner Initial	Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,023,173	June 11, 1991	Horwitz et al.		
	AB	5,432,081	July 11, 1995	Jefferson		
	AC	5,599,670	Feb. 4, 1997	Jefferson		
	AD	6,057,354	May 2, 2000	Wu et al.		
MISCELLANEOUS DOCUMENTS						
	AA	KLASS, ET AL., <i>Sperm Isolation and Biochemical Analysis of the Major Sperm Protein from Caenorhabditis Elegans</i> , Developmental Biology, (1981) 84:299-312. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).				
	AB	WARD S., et al., <i>The Location of the Major Protein in Caenorhabditis Elegans Sperm and Spermatocytes</i> , Developmental Biology (1982) 92:203-208. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).				
	AC	MANSIR A., et al., <i>Actin and Major Sperm Protein in Spermatids and Spermatozoa of the Parasitic Nematode Heligmosomoides Polygyrus</i> , Molecular Reproduction and Development, (1996) 45:332-341. (The year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue).				
	AD	MCCARTER, ET AL., <i>On the Control of Oocyte Meiotic Maturation and Ovulation in Caenorhabditis Elegans</i> , Developmental Biology, (1999) 205:111-128.				
	AE	Database GeneBank, Accession Number CAB54441, Wall, M., Untitled. Y48B6A,5, Direct Submission, Submitted. 01 April 1999.				
	AF	MILLER, ET AL., <i>A Sperm Cytoskeletal Protein That Signals Oocyte Meiotic Maturation and Ovulation</i> , Science, (March 16, 2001), 291:2144-2147 (Applicant does not consider this reference to be prior art.)				
	AG	C. elegans Sequencing Consortium, <i>Genome Sequence of the Nematode C. elegans: A Platform for Investigating Biology</i> , Science, (December, 1998) vol. 282, pp. 2012-2018.				
Examiner: _____ Date Considered _____						
* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						